

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for lithographic printing comprising using a self-dampening lithographic ink composition comprising a glycerol; a nonionic surfactant having a hydrophilic/lipophilic balance of about 8 to about 20; and about 20 to about 50% by weight based on the total weight of the printing ink composition of water.

2. (Currently Amended) The method of claim 1 wherein the self-dampening printing ink composition comprises glycerol in an amount of greater than 0% up to about 10 percent by weight; a nonionic surfactant having a hydrophilic/lipophilic balance of about 8 to about 20 in an amount of about 0.25 percent by weight to about 2 percent by weight; and water in an amount of about 20 to about 50 percent by weight; wherein the weight percentages are based on the total weight of the printing ink composition.

3. (New) The method of claim 1 wherein the self-dampening printing ink composition comprises the glycerol in an amount of greater than 0% up to about 6 percent by weight; the nonionic surfactant in an amount of about 0.5 percent by weight to about 1.5 percent by weight; and the water in an amount of about 35 to about 50 percent by weight.

4. (New) The method of claim 3 wherein the self-dampening printing ink composition comprises the glycerol in an amount of greater than 0% up to about 3 percent by weight.

5. (New) The method of claim 4 wherein the self-dampening printing ink composition comprises the glycerol in an amount of about 2 percent by weight.

6. (New) The method of claim 1 wherein the self-dampening printing ink composition comprises glycerol in an amount of greater than 0% up to about 10 percent by weight; a nonionic surfactant having a hydrophilic/lipophilic balance of about 8 to about 20 in an amount of about 0.25 percent by weight to about 2 percent by weight; water in an amount of about 20 to about 50 percent by weight; mineral oil in an amount of about 10 percent by weight to about 90 percent by weight; and colorant in an amount of about 1 percent by weight to about 30 percent by weight; wherein the weight percentages are based on the total weight of the printing ink composition.

7. (New) The method of claim 6 wherein the self-dampening printing ink composition comprises glycerol the in an amount of greater than 0% up to about 6 percent by weight; the nonionic surfactant in an amount of about 0.5 percent by weight to about 1.5 percent by weight; the water in an amount of about 35 to about 50 percent by weight; the mineral oil in an amount of about 20 percent by weight to about 50 percent by weight; and the colorant in an amount of about 1 percent by weight to about 20 percent by weight.

8. (New) The method of claim 7 wherein the self-dampening printing ink composition comprises glycerol the in an amount of about 2 percent by weight; the mineral oil in an amount of about 40 percent by weight; and the colorant in an amount of about 5 percent by weight to about 15 percent by weight.

9. (New) The method of claim 1 wherein the nonionic surfactant is at least one member selected from the group consisting of silicone surfactant, alkyl phenol and polyethylene oxide derivative thereof, alkyl amine and polyethylene oxide derivative thereof, fatty acid amide and polyethylene oxide derivative thereof, block copolymer of propylene oxide and ethylene oxide, fatty acid ester, polyglycoside, polypropylene glycol, oil and fat.

10. (New) The method of claim 1 wherein the self-dampening printing ink composition comprises binder resin.

11. (New) The method of claim 1 wherein the self-dampening printing ink composition comprises glycerol the in an amount of greater than 0% up to about 3 percent by weight; a nonionic surfactant which is alkyl phenol polyethylene oxide or polyglycoside and is in an amount of about 0.5 percent by weight to about 1.5 percent by weight; water in an amount of about 35 to about 50 percent by weight; mineral oil in an amount of about 20 percent by weight to about 50 percent by weight; colorant in an amount of about 1 percent by weight to about 20 percent by weight, and binder resin in an amount of about 1 percent by weight to about 50 percent by weight.

12. (New) The method of claim 1 wherein the colorant is carbon black in an amount of about 5 percent by weight to about 15 percent by weight, and the binder resin in an amount of about 2 percent by weight to about 10 percent by weight.

13. (New) The method of claim 11 conducting in the absence of a dampening composition other than said self-dampening composition.

14. (New) The method of claim 7 conducting in the absence of a dampening composition other than said self-dampening composition.

15. (New) The method of claim 6 conducting in the absence of a dampening composition other than said self-dampening composition.

16. (New) The method of claim 3 conducting in the absence of a dampening composition other than said self-dampening composition.

17. (New) The method of claim 2 conducting in the absence of a dampening composition other than said self-dampening composition.

18. (New) The method of claim 1 conducting in the absence of a dampening composition other than said self-dampening composition.